TBR-VE

Bimetal thermometers

Technical Data Sheet



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Description

Chrome-plated steel case bottom entry. For domestic and industrial heating, gases and liquids not viscous, not aggressive and not crystallising.



TBR-80/VE

DN80 thermometers.

Part No	Stem (mm)	Scale range	Connec.	Options*	Box/ Master	Min. order
PT8A507006	50	0-120 °C	G1/2B	G+QISP+ORT+VE+LF	1/50	1
PT8A987002	75	-30+50 °C	G1/2B	G+ORT+VE+LF	1/50	1
PT8A447001	75	0-60 °C	G1/2B	G+ORT+VE+LF	1/50	1
PT8B987002	100	-30+50 °C	G1/2B	G+ORT+VE+LF	1/50	1
PT8B447003	100	0-60 °C	G1/2B	G+ORT+VE+LF	1/50	1
PT8B507005	100	0-120 °C	G1/2B	G+QISP+ORT+VE+LF	1/50	1

*Options included
G = Complete with brass pocket
VE = European version without chrome-plated ring
LF = Fimet Watts logo on the dial
ORT = Stem with O-ring
QISP = Dial according to INAIL standards

Customizations per minimum order quantity

Customizations	Model
Customized dials, connections, other scale ranges on request	TBR-80/VE

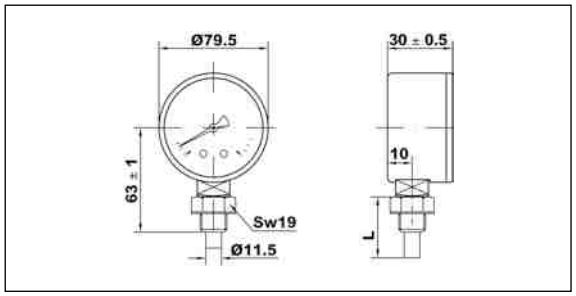
Features

Materials	
Case	Chrome-plated steel
Window	Clear plastic
Dial	Aluminium white
Pointer	Black plastic
Stem	Cu-alloy Ø 9 mm with O-ring for clamping
Temperature element	Bimetal, spiralled
Movement	Patented cu-alloy-polyester combination
Pocket	Brass, 19 mm flats

Technical features	
Design	EN 13190
Temperature limits	Ambient: -20 ... +60 °C Medium: as per scale indication Storage: -20 ... +60 °C
Operating temperature	As per scale indication
Temperature effect	Not applicable
Accuracy class	cl. 2
Degree of protection	IP 31 for EN 60 529 / IEC 529
Individual weight	0.202 kg

Overall dimensions (mm)

TBR-80/VE



Specification text

Bimetal Thermometers **Series TBR**, Watts brand, for domestic and industrial heating, gases and liquids not viscous, not aggressive and not crystallising. Chrome-plated steel case DN 80 **bottom connection**. Measures range from 0-60°C up to 120°C / -30+50 °C. Stem Cu-alloy DN 9 with o-ring for clamping 50-75-100 mm. **Complete with brass pocket** 19 mm flats. Temperature limits as per scale indication. Accuracy class cl. 2.0 . **Compliant with EN 13190**

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